

ABSTRACT

A gas-insulated switchgear includes a tank filled with an electrically insulating gas, first and second conductors disposed within the tank, a disconnecter for disconnecting the first conductor and the second conductor from each other, and a grounding switch for grounding the first conductor when the disconnecter is in an open position. The disconnecter includes a first and second fixed electrode disposed on the first and second conductors, respectively, a bridging movable electrode that is always maintained in contact with the first electrode and that is slidably movable for contacting with and separating from the second fixed electrode to connect and disconnect the first and second fixed electrodes, and an operating mechanism for opening and closing operation of the movable electrode. The grounding switch includes the bridging movable electrode which is in contact with the first contact, and a third fixed grounding electrode disposed to the tank capable of contacting with the movable electrode when the movable electrode is separated from the second electrode. The operating mechanism is provided with an electrically insulating operating rod extending through the first fixed electrode in the direction of movement of the movable electrode.